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Application Number		10550556		
Filing Date		2005-09-23		
First Named Inventor Grog		ar .		
Art Unit		1632		
Examiner Name				
Attornou Docket Number		7601/0/270		

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	1	ANDERSSON, Mats, Hars Holmberg, and Patrick Adlercreutz, "Evaluation of Alcaligenes europhus Cells as an NADH Regenerating Catalyst in Organic-Aqueous Two-Phase System," Biotechnol. Bioeng., vol. 57, pp. 79-86, 1998.	
	2	BOMMARIUS, Andreas S., et al., "Synthesis and Use of Enantomencally Pure tert-Leucine," Tetrahedron Asymmetry, vol 6, 1995, pp. 2851-2886.	
	3	DE CARVALHO, Carlis C.C.R., and M. Manuels R. Da Fonseca, "Mainflerance of cell viability in the biotransformation of (-)-canved with whole cells of Rhodococcus enythropolis," J. Mol. Catalysis B. Erzymatic, no. 19-20, December, 2002, pp. 389-388.	
	4	GRÖGER, H., et al., "Practical Asymmetric Enzymatic Reduction through Discovery of a Dehydrogenase-Compatible Biphasic Reaction Media," Organic Letters, vol. 5, no. 2, January 2003, pp. 173-176.	
	5	JONSSON, A., et at, "Thermodynamic and kinetic aspects on water vs. organic solvent as reaction media in the enzyme-catalysed reduction of ketones," Bodhimca et Brophysica Acta, vol. 1430, no. 2, March, 1999, pp. 313-322.	
	6	KATO, T, et al., "An Enzymatic Cycling Method for Nicolinamide-Adenine Dinucleotide with Malic and Alcohol Dehydrogenases," Analytical Biochemistry, vol. 53, no. 1, May, 1973, pp. 86-97.	
	7	KATO, Takahiko and Yoshiyuki Suzuki, "Encymetic Determination of Galactosylorarmide Galactosidase in Tissues by NAD Cycling," Ansiylool Bochemistry, vol. 126, no. 1, October, 1992, pp. 44-51.	
	8	LIESE, A, "A novel reactor concept for the enzymatic reduction of poorly soluble kelones," J. Mol. Catalysis 8: Enzymatic, vol. 4, no. 1/2, January, 1998, pp. 91-99.	
	9	ORI (CH, Bernhard and Reinhard Schornaeckier, "Enzymatic Reduction of a Less Water-Soluble Ketone in a Reverse Micelles with NADH Regeneration," vol. 65, no. 3, November, 1999, pp. 357-362.	

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SCHMID, Andreas, et al., "Preparative regio- and chemoselective functionalization of hydrocarbons catalyzed by cell free preparations of 2-hydroxyleiphenyl 3-monoxygeniase," J. Mol. Catalysis B. Enzymatic, vol. 11, no. 4-6, January, 2001, pp. 455-462.

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